Giddings High School

Course Description Book

2024-2025

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INTRODUCTION

This publication is designed to assist students and parents in making proper course choices. Students and parents are strongly encouraged to study the information found here and to make course choices carefully. Counselors and faculty members will assist students as they select their courses. Courses offered may change from what is printed here due to teacher availability, student class size, and mandated curriculum changes.

Giddings ISD does not discriminate on the basis of race, color, religion, sex, national origin, age, disability, military status, or any other basis prohibited by law in providing educational services.

SEMESTER SYSTEM AND CREDITS

The school year is divided into two semesters. There are three six-week reporting periods in each semester. Each semester of a course is worth .5 units of credit unless noted otherwise. For courses that are two semesters in duration, a passing grade for one semester may bring up a failing grade in the other semester. The semester grades will be averaged to calculate if the yearly average is passing and determine if credit is earned for the course. State law mandates 90% attendance in each class, each semester, to acquire credit.

GRADUATION REQUIREMENTS

Students are required to graduate with the Foundation program with Endorsements and 26 credits. Students can earn a distinguished level of achievement by successfully completing:

- A total of four credits in math, which must include Algebra 2
- A total of 4 credits in science
- The remaining curriculum requirements (see Graduation Plans below)
- The curriculum requirements for at least one endorsement

Note: A student **must** earn a Distinguished Level of Achievement in order to attend a 4-year state university and in order to be eligible for automatic top 10% admission to State of Texas universities.

GIFTED/TALENTED PROGRAM

The GT Program is based on a requirement by the district and students must meet these requirements. More information concerning the GT Program may be obtained by contacting the school counselors.

HONORS and AP COURSES

Honors and AP classes are rigorous courses designed to prepare students to achieve success in college. Students will have the opportunities to develop the reading, writing, problem-solving techniques, and study habits that are expected of college students. An exceptional work ethic and a positive attitude are the two key elements needed for these classes. Course descriptions in the Giddings High School Course Catalog designate the grade scale for each course, either Advanced Scale, Honors Scale or Regular Scale.

Regular Scale	Honors Scale	Advanced Scale
4.0	4.5	5.0
All other eligible courses	Locally Designated Honors courses	AP, Dual Credit, & Dual Enrollment

DUAL ENROLLMENT

Dual Enrollment courses are offered through The University of Texas OnRamps program and facilitated by a Giddings High School teacher.

DUAL CREDIT

Dual Credit courses are offered through Blinn College. In order to take a Blinn Dual Credit Course, you must meet the requirements for acceptance into Blinn College. One of those requirements is to have a 3.0 High School GPA. The other requirements involve any of the following:

Assessment	Math/Algebra	ELA/Reading Skills	Combined/Composite
ACT[1]	19	19	23
ACT[2]	22	40	
SAT	530	480	
PSAT/NMSQT[3]	510	460	
Algebra I EOC[3]	Minimum Score 4000 AND Passing Grade in Algebra II		
English II EOC[3]		Minimum Score 4000	

[1]An ACT administered prior to February 15, 2023; students must meet both relevant subject and combined/composite score standards

[2]An ACT administered on or after February 15, 2023

[3]The EOC & PSAT waivers only apply for dual credit classes

OR

TSIA 2.0 Administered on or after January 11, 2021	
Math	ELAR
CRC 950 OR CRC 910-949 and Diagnostic Level 6	CRC 945 and Essay 5-8 OR CRC 910-944 and Diagnostic Level 5-6 and Essay 5-8

Giddings High School offers the following courses for Dual Credit. Please refer to the Blinn College Course Catalog for a description of each course.

- Government: 2305 — Local Credit: .5 — College Credit: 3
- Economics: 2301 — Local Credit: .5 — College Credit: 3
- Medical Terminology: 1305 — Local Credit: .5 — College Credit: 3
- US History: 1301 & 1302 — Local Credit: .5 each semester — College Credit: 3 credits each semester
- Spanish: 1411 & 1412 — Local Credit: .5 each semester — College Credit: 4 credits each semester

On-campus dual-credit courses are courses facilitated by the district. Students may continue to enroll in off-site or online dual-credit courses, but these will not be considered for GPA.

Students and parents should check with their prospective college or university to determine if a particular course will count toward the student's desired degree plan.

GENERAL SCHOOL INFORMATION

REQUIRED STATE ASSESSMENTS FOR GRADUATION

STAAR end-of-course (EOC) assessments are administered for the following courses:

- Algebra I
- Biology
- English I
- English II
- U.S. History

The proficiency standards "Approaching", "Meets", or "Masters" on the applicable assessments are required for graduation, unless otherwise waived or substituted as allowed by state law and rules. There are three testing windows during the year in which a student may take an EOC assessment, occuring during the fall, spring, and summer months. If a student does not meet satisfactory performance, the student will have additional opportunities to retake the assessment.

Designated supports (accommodations) will be available for students who require certain instructional and assessment supports on a routine basis. STAAR Alternate 2, for students receiving special education services who meet certain criteria established by the state, will be available for eligible students, as determined by the student's ARD committee. An ARD committee for a student receiving special education services will determine whether successful performance on the EOC assessments will be required for graduation within the parameters identified in state rules and the student's personal graduation plan.

All of these methods have eligibility requirements and must be approved prior to enrollment in the course. Please see the school counselor for more information. Depending on the student's grade level and the course, a state-mandated end-of-course assessment may be required for graduation.

COURSE AVAILABILITY

Courses are offered according to student needs and teacher availability. Course selection determines how the school's schedule is built, faculty hired, and room assignments are made.

SCHEDULE CHANGE POLICY

Schedule changes can have a significant impact on a student's performance in a course and in the calculation of the six weeks average. Therefore, immediate schedule changes in the first four days of school will be considered for the following reasons only:

- You are a senior and need a change to meet graduation requirements;
- You have a data entry error (missing a class period, class listed twice, two classes in the same period, wrong grade level course, etc.);
- You have a schedule error (prerequisites not met, already have credit for a course on your schedule, etc.);
- You have previously been dismissed from a program for which approval must be granted;
- You want to move-up to an Honors/AP level course, as approved by an administrator or designee.

Following the first four days of school, schedule change requests will be processed by the student's counselor on a case by case basis. Schedule changes that result in a change to the student's selected program of study will not be honored beyond the student's junior year (*see Endorsements)*. Prior to a student's junior year, students will need parent and instructor approval to enroll in courses that follow a different program of study than previously selected. Careful evaluation of a student's college or career readiness will be considered before allowing a schedule change and could result in requiring an additional career readiness course prior to graduation. Schedule changes will not be considered after the first two weeks of school.

Students are expected to use all possible resources available to them before considering a move-down course level change, such as completing all assignments, tutoring, and conferencing with the teacher. Students moving from one level to another will carry their current grade earned from the previous class, regardless of the course level. Students transferring

into a new class assume all responsibilities in the new course entered. These schedule change requests can only be approved if space is available in the level change course requested.

“Change of Mind”, “Teacher Change”, or “Class with Friends” requests will not be honored. Requesting a different elective or endorsement will only be honored if the student has achieved college or career readiness. Requesting a different teacher for the same course will only be honored if the student has previously failed a course with the same teacher.

Students may not request a schedule change into a level four Practicum course, commonly referred to as Work Program, unless the Practicum course is within the student’s aligned program of study OR the student has already achieved college or career readiness. Students who have not achieved college or career readiness may have to remain at school during Practicum class time until college or career readiness is met.

Extenuating circumstances for students who have had circumstances that have become a barrier to their success in the class should contact the student’s counselor. These schedule changes require approval by an administrator.

GRADUATION PLANS

HIGH SCHOOL GRADUATION PLANS

A personal graduation plan will be developed for each high school student. GISD encourages all students to pursue a personal graduation plan that includes the completion of at least one endorsement and to graduate with the distinguished level of achievement. Attainment of the distinguished level of achievement entitles a student to be considered for automatic admission to a public four-year college or university in Texas, depending on his or her rank in class. The school will review personal graduation plan options with each student entering grade 9 and his or her parent. Before the end of grade 9, a student and his or her parent will be required to sign off on a personal graduation plan that includes a program of study that promotes college or career readiness, as well as facilitates the transition from secondary to postsecondary education or the workforce. The student's personal graduation plan will denote an appropriate course sequence based on the student's choice of endorsement. A student may, with parental permission, amend his or her personal graduation plan after the initial confirmation.

Course Area	Foundation Graduation Plan* (only used in specific situations)	Foundation Graduation Plan W/ Endorsement	Distinguished Foundation Graduation Plan W/ Endorsement & Performance Acknowledgment**
English/Language Arts	4	4	4
Mathematics	3	4	4***
Science	3	4	4
Social Studies, including Economics	3	3	3
Physical Education	1	1	1
Language other than English	2	2	2
Fine Arts	1	1	1
Electives	5	7	7
Endorsements		Available Endorsements: Science, Technology, Engineering, and Mathematics; Business and Industry; Public Services; Arts and Humanities; Multidisciplinary Studies	
TOTAL	22 credits	26 credits	26 Credits Plus additional measures

*Students cannot choose to graduate on the Foundation Program. Giddings High School is dedicated to graduate students who are ready for college or a career. All students will be placed on a program to graduate with an endorsement. Parents and students may opt out of this program after the student's 10th grade year, if necessary.

**Refer to *Performance Acknowledgments*

***Must include Algebra II

ENDORSEMENTS

GHS offers courses to meet endorsements in all areas: Science, Technology, Mathematics, Business and Industry, Public Services, Arts and Humanities, and Multidisciplinary Studies. Specific course sequences and requirements based on the endorsement selected are outlined in the following sections. Most students meet the requirement of multiple endorsements without making a special effort to do so. Students should select electives that will best prepare the student for the post-secondary goals they aim to pursue. Achieved endorsements will be noted on high school transcripts. Courses

chosen during high school become the foundation for the future; therefore, careful selection of aligned courses is recommended.

Texas Administrative Code §74.13: Endorsements lists the following requirements for a student to earn one or more endorsements:

a. A student shall specify in writing an endorsement the student intends to earn upon entering Grade 9.
b. A district shall permit a student to enroll in courses under more than one endorsement before the student's junior year and to choose, at any time, to earn an endorsement other than the endorsement the student previously indicated. This section does not entitle a student to remain enrolled to earn more than 26 credits.
c. A student must earn at least 26 credits to earn an endorsement.
d. A school district may define advanced courses and determine a coherent sequence of courses for an endorsement area, provided that prerequisites in Chapters 110-117, 127, and 130 of this title are followed.
e. To earn an endorsement a student must demonstrate proficiency in the following.
    i. The curriculum requirements for the Foundation High School Program as defined by §74.12
    ii. A fourth credit in mathematics that may be selected from one full credit or a combination of two half credits from two different courses, subject to prerequisite requirements, see §74.13
    iii. A student may complete a course listed in paragraph (ii) of this subsection before or after completing a course listed in §74.12
    iv. The fourth mathematics credit may be a college preparatory mathematics course that is developed and offered pursuant to the TEC, §28.014
    v. An additional credit in science that may be selected from one full credit or a combination of two half credits from two different courses, subject to prerequisite requirements, see §74.13
    vi. Two additional elective credits that may be selected from the list of courses specified in §74.11(g) or (h).
f. A student may earn any of the following endorsements.
    i. Science, technology, engineering, and mathematics (STEM)
    ii. Business and industry
    iii. Public services
    iv. Arts and humanities
    v. Multidisciplinary studies
g. A course completed as part of the set of four courses needed to satisfy an endorsement requirement may also satisfy a requirement under §74.12(b) and (c) of this title and subsection (e)(ii), (iv), (v), and (vi) of this section, including an elective requirement. The same course may count as part of the set of four courses for more than one endorsement.

STEM (Science, Technology, Engineering and Mathematics) ENDORSEMENT

The STEM endorsement will be taken in a cohesive sequence with the courses required in the Foundation Plan.

Pathway:	YEAR 1	YEAR 2	YEAR 3	YEAR 4
Advanced Science (total of 5 science credits)	Honors Biology	Honors Chemistry On Ramps Chemistry Honors Physics	On Ramps Physics On Ramps Chemistry	Choose 2 courses from the following: AP Biology, On Ramps Geoscience, Anatomy and Physiology
Advanced Math (total of 5 math credits)	Honors Geometry (Algebra 1 must have been taken in 8th grade)	Honors Algebra 2	Honors Precalculus	AP Calculus
Advanced Math/Science (total of 9 math/science/ computer science credits)	Honors Geometry & Honors Biology (Algebra 1 must have been taken in 8th grade)	Honors Chemistry Honors Physics Honors Algebra 2	On Ramps Physics On Ramps Chemistry Honors Precalculus	AP Biology AP Calculus OnRamps GeoScience Honors Anatomy & Physiology
Computer Science	Fundamentals of Computer Science	Honors Computer Science I	AP Computer Science	Honors Computer Science III

BUSINESS AND INDUSTRY ENDORSEMENT

A minimum of any 3 or more courses within an aligned program of study for a total of 4 or more credits are required to earn the graduation endorsement fulfilled by any program of study. A completed program of study must also include at least one Level 3 or Level 4 course within the same program of study.

PROGRAM OF STUDY	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	Industry Based Certification
Animal Science	Principles of Agriculture, Food, and Natural Resources (1 credit)	Small Animal Management (.5 credit) AND Equine Science (.5 credit)	Livestock Production (1 credit)	Advanced Animal Science (1 credit) OR Practicum in AFNR (2 credits)	iCEV Fundamentals of Animal Science Certification
Applied Agriculture Engineering		Agricultural Mechanics and Metal Technologies/Lab (1 or 2 credits)	Agricultural Structures Design and Fabrication/Lab (1 or 2 credits)	Practicum in AFNR (2 credits)	AWS D1.1 Structural Steel AND/OR AWS D9.1 Sheet Metal Welding
Plant Science		–	Floral Design (1 credit) or Horticulture Science (1 credit)	Advanced Floral Design (1 credit) or Practicum in AFNR (2 credits)	TSFA Knowledge Based Floral Certification AND/OR TSFA Level I Floral Certification
Business Management	Principles of Business, Marketing, & Finance (1 credit) or Business Information Management I (1 credit)	Business Law (1 credit) or Business Information Management II (1 credit)	Business Management (1 credit)	Practicum in Business Management (2 credits)	Certiport Microsoft Word Expert OR Entrepreneurship and Small Business Certification
Accounting & Financial Services		Honors Accounting I (1 credit)	Honors Accounting II (1 credit)		Intuit QuickBooks Certified User
Graphic Design and Multimedia Arts	Digital Media (1 credit)	Graphic Design and Illustration I (1 credit) AND Digital Design and Media Productions (1 credit)	Graphic Design and Illustration II (1 credit)	–	Adobe Certified Professional Using Adobe Illustrator
Programming & Software Development	Fundamentals of Computer Science (1 credit)	Honors Computer Science I (1 credit)	AP Computer Science (1 credit)	Honors Computer Science III (1 credit)	CodeHS Python Level 1 Certification AND/OR Information Technology Specialist: Java
	*The STEM Endorsement is also fulfilled if the math and science requirements are met.				

PUBLIC SERVICE ENDORSEMENT

A minimum of any 3 or more courses within an aligned program of study for a total of 4 or more credits are required to earn the graduation endorsement fulfilled by any program of study. A completed program of study must also include at least one Level 3 or Level 4 course within the same program of study.

PROGRAM OF STUDY	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	Industry Based Certification
Family and Community Services	Principles of Human Services (1 credit) AND Professional Communications (.5 credit)	Human Growth and Development (1 credit) AND Lifetime Nutrition and Wellness (.5 credit)	Family and Community Services (1 credit)	–	DSHS Community Health Worker (TBD)
Teaching and Training	Principles of Human Services (1 credit)	Human Growth and Development (1 credit)	Instructional Practices (2 credits)	Practicum in Education and Training (2 credits)	TEA Educational Aide I
Cosmetology and Personal Care Services		–	Cosmetology I (3 credits)	Cosmetology II (3 credits)	TDLR Cosmetology Operator License
	*Students must have transportation to LaGrange High School in order to enroll in the Cosmetology Program of Study.				
Healthcare Therapeutic	Principles of Health Science (1 credit)	Medical Terminology (1 credit)	Honors Anatomy and Physiology (1 credit)	Practicum in Health Science (2 credits)	NHA Certified Clinical Medical Assistant

ARTS AND HUMANITIES ENDORSEMENT

The Arts and Humanities endorsement will be taken in a cohesive sequence with the courses required in the Foundation Plan.

Pathway:	YEAR 1	YEAR 2	YEAR 3	YEAR 4
Social Studies (total of 5 credits)	World Geography or Honors World Geography or World History Honors World History	World History or Honors World History or World Geography Honors World Geography	U.S. History or Dual Credit U.S. History AND Psychology/ Sociology	Government/Economics (both 1 Semester courses) or Dual Credit Government/Economics
Visual & Performing Arts	Year 1 & 2: Courses from one Category in fine arts (Band, Theatre or Art)		Year 3 & 4: Two additional courses from the same category as Years 1 and 2 OR Two courses from a category different than Years 1 and 2	

MULTIDISCIPLINARY STUDIES ENDORSEMENT

The Multidisciplinary Studies endorsement will be taken in a cohesive sequence with the course required in the Foundation Plan.

A student must complete Foundation Graduation requirements AND one of the following:
Four Advanced Courses that prepare a student to enter the workforce successfully or to enter postsecondary education without remediation from within one or more endorsement areas. The courses do not have to be in a coherent sequence OR
Four Credits in each of the four foundation subject areas to include English IV and Chemistry and/or Physics OR
Four Credits in AP or Dual Credit selected from English, Mathematics, Science, Social Studies, Economics or Languages other than English.

PERFORMANCE ACKNOWLEDGEMENTS

According to *Texas Administrative Code §74.14. Performance Acknowledgments,* a student may earn a performance acknowledgment on the student's transcript for outstanding performance in the following ways:

a. in a dual credit course by successfully completing at least 12 hours of college academic courses with a grade of the equivalent of 3.0 or higher on a scale of 4.0
b. in bilingualism and biliteracy by completing all ELA requirements and maintaining a minimum GPA of the equivalent of 80 on a scale of 100; AND (a) three credits in the same language in a language other than English with a minimum GPA of 80, OR (b) demonstrated proficiency in the TEKS for Level IV or higher in a language other than English with a minimum GPA of 80, OR (c) demonstrated proficiency in one or more languages other than English through a score of 3 or higher on a College Board Advanced Placement examination for a language other than English
c. on a College Board Advanced Placement test by earning a score of 3 or above
d. earning a score on the PSAT/NMSQT® that qualifies the student for recognition as a commended scholar or higher; achieving the college readiness benchmark score on at least two of the four subject tests on the ACT AspireTM examination; earning scores of at least 410 on the evidence-based reading section and 520 on the mathematics section of the SAT®; OR earning a composite score on the ACT® examination of 28 (excluding the writing subscore)
e. earning a state recognized business or industry certification or license as outlined in the Course Offerings below.

COURSE OFFERINGS

The following course descriptions are intended to briefly describe courses offered at Giddings High School. The courses are grouped by course type. All efforts should be made to follow the sequential course listing given the constraints of staffing and course availability in the master schedule. Courses are identified by PEIMS code, amount of credit, grade level restrictions, course prerequisites, and grading scale.

LANGUAGE ARTS

English 1

Credit: 1 Grade Placement: 9
Prerequisite: None Regular Scale
PEIMS Code: 03220100

English I is a world literature survey course integrating literature, grammar, and writing. Students improve reading skills through studying various literary genres and class novels. Major works studied include The Odyssey, Romeo & Juliet, To Kill a Mockingbird, and Animal Farm. Frequent reviews of usage and sentence structure are practiced. Students are given the opportunity to develop skills in the research process, which culminates with a research presentation.

Honors English 1

Credit: 1 Grade Placement: 9
Prerequisite: Meets on 8th ELA STAAR Honors Scale
PEIMS Code:

English I Honors includes all course work of English I. In addition, this course consists of independent literature study units, creative projects, and major writing assignments. Interdependent cognitive and affective strategies are applied to develop intellectual reasoning and perseverance. Students will be required to complete summer reading assignments in preparation for the fall semester.

English 2

Credit: 1 Grade Placement: 10
Prerequisite: English 1 Regular Scale
PEIMS Code: 03220200

English 2 focuses on language skills (usage and sentence structure) as applied to composition. Students write several essays and a research paper. Students examine reading skills in the area of world literature. Short stories, nonfiction, poetry, Antigone, Our Town and Julius Caesar are the main topics of study. Both semesters include frequent practice exercises in the STAAR-related areas of grammar and reading. An intensive unit on persuasive writing is covered during the second semester, just prior to the STAAR test.

Honors English 2

Credit: 1 Grade Placement: 10
Prerequisite: English 1 Honors Scale
PEIMS Code: 03220200

In addition to regular course work of English 2, Honors curriculum includes three additional novels; theme and vocabulary are emphasized in these readings. Varied formats for tests are developed, stressing open-ended questions. Creative projects are required, such as posters, video presentations, and various writings, all of which relate to the literature of the course. Both semesters include frequent practice exercises in the STAAR-related areas of grammar and reading. An intensive unit on persuasive writing is covered in the second semester, just prior to the STAAR test. Students will be required to complete summer reading assignments in preparation for fall semester.

English 3

Credit: 1 Grade Placement: 11
Prerequisite: English 2 Regular Scale
PEIMS Code: 03220300

English III will focus on writing skills and analysis of American Literature from the Colonial Period until present. Major authors, works, and forms will be studied. A review of the parts of speech, vocabulary usage, and sentence structure will be taught in conjunction with a required term paper and a variety of other written assignments.

Honors English 3

Credit: 1 Grade Placement: 11
Prerequisite: English 2 Honors Scale
PEIMS Code: 03220300

This is a course for motivated students. Students are expected to communicate on a higher intellectual level than the regular English III student. The curriculum includes independent reading, analysis of classic American literature, vocabulary, and writing assignments. The research project for literature consists of a critical analysis of the works of an American author. SAT and ACT vocabulary skills are emphasized. Students will be required to complete summer reading assignments in preparation for the fall semester.

English 4

Credit: 1 Grade Placement: 12
Prerequisite: English 3 Regular Scale
PEIMS Code: 03220400

Students enrolled in English IV continue to increase and refine their communication skills. The course covers the complete composing process, providing the students opportunities to develop necessary skills. It also includes a survey of the development of British literature and history from Anglo-Saxon age through the twentieth century. After reading historical background and selected literary masterpieces, students are encouraged to analyze literature through class discussion and expository essays. Incorporated into the study of literature and composition is the research paper.

On-Ramps Rhetoric & Writing

Credit: 1; (6 hours college credit) Grade Placement: 12
Prerequisite: English 3 Advanced Scale
PEIMS Code: 03220400

This two-semester, six-credit writing intensive sequence features a fall RHE 306 "Research & Writing" course in argumentation that situates rhetoric as an art of civic discourse, followed by the spring semester RHE 309K "Rhetoric of American Identity" featuring an exciting series of case studies in race, gender, and ethnicity. Over the two courses, students analyze the various positions held in any public debate and learn to advocate their own positions effectively. In the fall, students explore the ethics of argumentation and what it means to "fairly" represent someone with whom they disagree. By the spring, students are ready to analyze and compose arguments about American identity and identity formation, both personal and cultural. The goal is to foster students' abilities to analyze arguments presented by others and to write sound and effective arguments of their own — abilities that contribute meaningfully to their academic, professional, personal, and civic lives.

College Prep English

Credit: 1 Grade Placement: 12
Prerequisite: English 3 Regular Scale
PEIMS Code: CP110100

In college preparatory English, students will learn to investigate academic texts, construct supported interpretations and arguments for an authentic audience, and acquire academic habits of thought. Reading instruction will focus on developing critical reading skills for comprehension, interpretation, and analysis. In writing, students will develop skills through composing with specific purpose, situation, genre, and audience in mind. Students will write a variety of effective formal and informal texts. To learn to integrate reading and writing, students will use an inquiry approach to analyze, synthesize, and make value judgments regarding text and writing. This course is designed to prepare students for college-level reading 20 and writing intensive courses. Successful completion of this course, as defined by the memorandum of understanding (MOU) with the partnering institution(s), grants the student an exemption to TSI requirements for reading and writing at the partnering institution(s).

English I & 2 for Speakers of Other Languages

Credit: 1 Grade Placement: By Exam
Prerequisite: English not spoken at home. Regular Scale
Course Number: 03200600-1st year; 03200700-2nd year

This course is designed for the non-English speaking immigrant student. It parallels the regular English essential knowledge and skills with emphasis on oral language and vocabulary development. In addition, the course teaches American grammar rules, capitalization, punctuation, writing style, traditions, culture, and literature.

Professional Communications

Credit: .5 Grade Placement: 10-12
Prerequisite: None Regular Scale
Semester(s) Offered: Fall and Spring
PEIMS Code: 13009900

The course will focus on the basic skills in topic selection, organization of ideas, preparation, and presentation. Each student will be expected to prepare and present manuscript, extemporaneous and impromptu speeches. Study of delivery skills will include both verbal and nonverbal skills such as the use of appropriate diction, voice control, appropriate posture and gesture, and good eye contact. Other elements of the course will include listening skills, rhetorical tradition, and noteworthy speakers of the past and present. Note: this course satisfies a CTE Family and Community Services requirement.

Spanish 1

Credit: 1 Grade Placement: 9 - 11
Prerequisite: None Regular Scale
PEIMS Code: 03440100

This class introduces basic understandings in communication, cultures, connections, comparisons, and communities. Students will be expected to listen, speak, read, and write Spanish at the novice progress checkpoint. Students will learn correct pronunciation, word order and usage of such topics as days of the week,

months of the year, numbers, colors, animals, and telling time. Student success in this course will depend partially on the strength of their background in English.

Spanish 2

Credit: 1 Grade Placement: 10 - 12
Prerequisite: Spanish 1 Regular Scale
PEIMS Code: 03440200

This class is a continuation of understanding Spanish in communication, cultures, connections, comparisons, and communities. More emphasis is placed on novice to intermediate writing skills. Connections focus on speaking and writing "production" skills in the natural process of listening, speaking, reading, and writing. An above average mastery (80 or above) of Spanish 1 is recommended for student success in this course.

Spanish 3

Credit: 1 Grade Placement: 10 - 12
Prerequisite: Spanish 2 Regular Scale
PEIMS Code: 03440300

The proficiency level from Spanish 2 to Spanish 3 progresses to comprehension at the intermediate checkpoint. Listening and reading include context clues and "schema" as the class is taught almost entirely in the target language. Background knowledge in communication, cultures, connections, comparisons, and communities enhances this process. Writing is furthered with cultural introductions to selected literature. Success for this student requires increased foreign language productivity and a personal desire to think accordingly.

MATHEMATICS

Algebra 1

Credit: 1 Grade Placement: 9
Prerequisite: None Regular Scale
PEIMS Code: 03100500

Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents.

Geometry

Credit: 1 Grade Placement: 9-10
Prerequisite: Algebra 1 Regular Scale
PEIMS Code: 03100700

Students will build on the knowledge and skills for mathematics in K- 8 and Algebra I to strengthen their mathematical reasoning skills in geometric contexts. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability.

Honors Geometry

Credit: 1 Grade Placement: 9-10
Prerequisite: Algebra 1 Honors Scale
PEIMS Code: 03100700

This course includes a more challenging and rigorous study of geometric thinking, symbolic reasoning, and properties of figures. Students in this course will further explore proofs and relationships between geometry and other areas of mathematics. Solid Algebra skills are needed.

Algebra 2

Credit: 1 Grade Placement: 10-12
Prerequisite: Algebra 1 and Geometry Regular Scale
PEIMS Code: 03100600

In Algebra II, students will build on the knowledge and skills for Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods.

Honors Algebra 2

Credit: 1 Grade Placement: 10-12
Prerequisite: Algebra 1 and Geometry. Honors Scale
PEIMS Code: 03100600

This course includes a more challenging and rigorous study of the description for Algebra II.

Financial Mathematics

Credit: 1 Grade Placement: 11-12
Prerequisite: Algebra I and Geometry Regular Scale
Course Number: 13018000

Financial Mathematics is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors and will integrate career and postsecondary education planning into financial decision making. Students will apply mathematics to problems arising in everyday life, society, and the workplace. Students will use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution.

Pre-Calculus

Credit: 1 Grade Placement: 11-12
Prerequisite: Algebra 1, Geometry, and Algebra 2
PEIMS Code: 03101100 Regular Scale

The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems.

Honors Pre-Calculus

Credit: 1; (3 hours college credit) Grade Placement: 11
Prerequisite: Alg. 1, Geometry, Alg. II, and Precalculus.
PEIMS Code: 03101100 Advanced Scale

Using a creative and connected approach, students deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so they can successfully work with the concepts in a rigorous university-level calculus course. This course is designed to push students well beyond “drill and kill” exercises, emphasizing conceptual understanding of mathematical definitions and developing logical arguments with their peers.

College Preparatory Math

Credit: 1 Grade Placement: 12
Prerequisite: Alg. 1, Geometry, Alg. 2 Regular Scale
PEIMS Code: CP111200

College Preparatory Math 12th Grade 1 Credit Regular Scale In college preparation math, students will learn factoring rules, rational expressions, rational exponents, radicals, complex numbers, inequalities, inequalities containing absolute values, quadratic equations, linear equations, and equations with radicals, rational expressions, exponents, and functions. Calculator use is not recommended for this course (including the department final exam) as calculators are not allowed in classes when taught on campus. Successful completion of this course, as defined by the memorandum of understanding (MOU) with the partnering institution(s), grants the student an exemption to TSI requirements for math at the partnering institution(s).

AP Calculus

Credit: 1 Grade Placement: 12
Prerequisite: Alg. 1, Geom. Alg.2, Precalculus
PEIMS Code: Advanced Scale

AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

SCIENCE

Biology

Credit: 1 Grade Placement: 9, 10
Prerequisite: None Regular Scale
PEIMS Code: 03010200

In Biology, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs, nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems; and plants and the environment.

Honors Biology

Credit: 1 Grade Placement: 9, 10
Prerequisite: None Honors Scale
PEIMS Code: 03010200

This course includes a more challenging and rigorous study of the above description for Biology. Honors Biology provides an in-depth introduction to biology, the study of life. A major focus of this course is the cell – its structure and function, cell transport and cellular energy, and how cells divide. Students will explore genetics and learn about DNA. Units on ecology and evolution are also included. Additional lessons have been included in this course to provide students with a more in-depth understanding. Students will need to possess a high degree of self-motivation to be successful in this course. This class will prepare students for On-Ramps Biology.

AP Biology

Credit: 1 Grade Placement: 11, 12
Prerequisite: Must meet Biology, Chemistry criteria.
PEIMS Code: Advanced Scale

The AP Biology course is designed to provide capable and motivated students with the opportunity to obtain college credit while enrolled in high school. This course is comparable to a first-year college course; therefore, students should be prepared for homework and reading assignments nightly. Topics emphasized in AP Biology include biochemistry, cellular energy transformations, molecular genetics, and biological systems interactions.

Integrated Physics and Chemistry

Credit: 1 Grade Placement: 9, 10
Prerequisite: None Regular Scale
PEIMS Code: 03060201 Advanced Scale

In Integrated Physics and Chemistry, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics: forces, circuitry, motion, waves, energy transformations, properties of matter, changes in matter, chemical reactions, equilibrium, classifying chemical reactions, and solution chemistry.

Chemistry

Credit: 1 Grade Placement: 10, 11, & 12
Prerequisite: 1 unit of HS Science & 2 units of HS Math (or concurrent enrollment)
PEIMS Code: 03040000 Regular Scale

In Chemistry students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: characteristics of matter; energy transformations during physical and chemical changes; atomic structure; periodic table of elements; stoichiometry; behavior of gasses; bonding; nuclear fusion and nuclear fission; oxidation-reduction reactions; chemical equations; solutes; properties of solutions; acids and bases; and chemical reactions. Students will investigate how chemistry is an integral part of their daily lives.

Honors Chemistry

Credit: 1 Grade Placement: 10, 11, & 12
Prerequisite: 1 unit of HS Science & 2 units of HS Math (or concurrent enrollment)
PEIMS Code: 03040000 Honors Scale

This course provides a more challenging and rigorous study of the above description for Chemistry. Additional lessons are included in this course to provide students with a more in-depth understanding. Students will need to possess a high degree of self-motivation to be successful in this course. This class will prepare students for future advanced courses.

On-Ramps Chemistry

Credit: 1; (3 hours college credit) Grade Placement:10,11,12
Prerequisite: Algebra I Advanced Scale
PEIMS Code:

The On-Ramps Chemistry course addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. Students will learn about descriptive chemistry of matter in the natural world, as well as compositional and reaction stoichiometry of chemical compounds. Throughout the course, students will think like scientists by exploring the underlying theoretical foundations of chemistry, making intuitive arguments for how the world works, and supporting those arguments with quantitative measures. Built with an intention to engage students from a variety of backgrounds, students in the course will learn how to successfully study science by organizing their learning around mastery and ownership of materials.

Physics

Credit: 1 Grade Placement: 10, 11, and 12
Prerequisite: Biology & Algebra 1 Regular Scale
PEIMS Code: 0305000

In Physics, students conduct field and laboratory investigations, use scientific methods during investigations and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include laws of motion; changes within physical systems and conservation of energy and momentum; force; thermodynamics; characteristics and behavior of waves; quantum physics, and static and current electricity. This course provides students with a conceptual framework, factual knowledge, and analytical and scientific skills. The main objectives of this course are (1) to develop an understanding of our physical environment; (2) to understand the concepts, facts and principles of physics, both mathematically and verbally; (3) to apply concepts, facts and principles through laboratory investigations; and (4) practice in remembering, understanding, applying, analyzing, synthesizing and evaluating information.

Honors Physics

Credit: 1 Grade Placement: 10, 11, and 12
Prerequisite: Biology & Algebra 1 Honors Scale
PEIMS Code: 0305000

This course provides a more challenging and rigorous study of the above description for Physics. Additional lessons are included in this course to provide students with a more in-depth understanding. Students will need to possess a high degree of self-motivation to be successful in this course. This class will prepare students for future advanced courses.

Honors Anatomy and Physiology

Credit: 1 Grade Placement: 11 and 12
Prerequisite: Biology Honors Scale
PEIMS Code: 13020600

This course will explore human anatomy and physiology through observation of anatomical structures and their functions. Laboratory experimentation will include data acquisition for quantitative and qualitative analysis as well as dissection. Students will acquire an extensive amount of vocabulary and learn to use proper medical terminology. This course is also a CTE Healthcare Therapeutic course.

Environmental Systems

Credit: 1 Grade Placement: 11, 12
Prerequisite: Biology Regular Scale
PEIMS Code: 03020000

In Environmental Systems, students study a variety of topics that include biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; sources and flow of energy through an environmental system; relationship between carrying capacity and changes in populations and ecosystems; and changes in environments.

On-Ramps Geo Science

Credit:1, 3 Hrs. of College Credit Grade Placement: 11, 12
Prerequisite: 1 unit of Bio, Chem Advanced Scale
PEIMS Code:

Geo Science covers the fundamentals of how the Earth works, and how its various systems—the lithosphere, atmosphere, hydrosphere, and biosphere—interact to form the complex world in which we live. Geoscience is the study of the Earth. In this course, students will study the Earth as an integrated science, applying the fundamental principles of physics, chemistry, biology, and geosciences to explain Earth processes. Many of the most complex and interesting scientific problems of this century, such as energy resources, water supply, and climate change, require geologic thinking skills to solve. This class introduces students to the major areas in geoscience and helps them develop critical, creative, and geologic problem-solving skills, as applied to current scientific problems.

On-Ramps Physics 1

Credit: 1, (3 hours college credit) Grade Placement: 11, 12
Prerequisite: Alg. 1, Geom. Alg. 2 Advanced Scale
PEIMS Code:

On-Ramps Physics 1 is an algebra-based, introductory college-level physics course. The students will form a better understanding of Physics as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound.

SOCIAL STUDIES

World Geography

Credit: 1 Grade Placement: 9 preferred or 10
Prerequisite: None Regular Scale
PEIMS Code:03320100

This course is approached by using the 5 themes of geography: location, place, region, human-environment interaction, and movement. In this course students will become acquainted with countries around the world. The physical features, the climate, the location, the type of government, the exports and imports, as well as the relationship of this country to its neighbors will be studied in depth. Cultural awareness will be an important part of this course. Students will be expected to master many map skills. Independent and group projects will be used to measure the student's mastery of world geography.

World History

Credit: 1 Grade Placement: 9 or 10 preferred
Prerequisite: None Regular Scale
PEIMS Code: 03340400

This course should give students the opportunity to learn about the major historical developments from the earliest civilizations to the twentieth century. Students will concentrate on several skill areas. The class will combine history and geography and will place emphasis on map reading, as well as the study of ancient, medieval and modern history.

United States History

Credit: 1 Grade Placement: 11
Prerequisite: World Hist. or World Geo. Regular Scale
PEIMS Code:03340100

In this course students study the history of the United States since Reconstruction to the present. Students will focus on the political, economic, and social events and issues related to a variety of events from industrialization and urbanization to reform movements such as the Civil Rights movement. Students are expected to use critical thinking skills, analyze historical documents, and complete projects dealing with important topics in US History.

Honors United States History

Credit: 1, (6 hours college credit) Grade Placement: 11, 12
Prerequisite: World Hist. or World Geo. Honors Scale
PEIMS Code: 03340100

In these two sequential first-year college American history courses, students study significant themes in US history to uncover the range and depth of the American story. Using lectures, primary and secondary readings, videos, maps, and other graphics, students work both independently and collaboratively to develop the critical thinking skills to evaluate the historical record. History 315K surveys from the colonial beginnings through the Civil War, and History 315L considers the post-Civil War era to the end of the 20th century. Exams include essay questions that require students to craft well-written narratives and arguments that set events in historical context, engage the complexity of cause and consequence, and make connections that reveal the dynamic of change over time.

Economics with an emphasis on the Free Enterprise System

Credit: .5 Grade Placement: 12
Prerequisite: U.S. History Regular Scale
Semester Offered: Fall PEIMS Code: 03310300

In this class, students will investigate the fundamental concepts of economics (e.g., scarcity, opportunity costs, specialization, supply and demand, business cycles, inflation, unemployment, etc.) They will study the American free enterprise system, the interrelationships between this system and the government, and the relationship between the American economic system and international economic policy. Consumer economics will also be a part of the course (e.g., consumer rights and responsibilities, credit, insurance, budgeting, taxes, etc.).

Government

Credit: .5 Grade Placement: 12
Prerequisite: U.S. History Regular Scale
Semester Offered: Spring PEIMS Code: 03330100

In this course, students examine the three branches of government at the federal, state, county and local levels. Students examine current events to understand practical application of this study of government. Students will understand that the U.S. Constitution grants us a democratic system of government and that in order for this form of government to be successful, individual participation in this process must take place.

Psychology

Credit: .5 Grade Placement: 10, 11, and 12
Prerequisite: None Regular Scale
Semester Offered: Fall PEIMS Code: 03350100

This course is designed for the students to learn about themselves. Students will learn an explanation of how humans behave and their mental processes. Topics include the brain, intelligence, sleep, dreaming, memory, psychological disorders, substance abuse among others.

Sociology

Credit: .5 Grade Placement: 10, 11, 12
Prerequisite: None Regular Scale
Semester Offered: Spring PEIMS Code:03370100

Sociology provides a look at the inner workings of individual and group relations. The class examines cultural and societal customs, social institutions, deviance, criminology, and other social problems.

FINE ARTS

Theatre Arts 1

Credit: 1 Grade Placement: 9 - 12
Prerequisite: None Regular Scale
PEIMS Code: 03250100

In this class, students will become acquainted with the basic elements of the theater, as well as the roles played by various members of a theatrical production company. Other topics covered will include voice and diction, history of the theater, acting technique and some technical theater, such as lights and set design. Students should be willing to perform in front of class or in an on-stage role. Students will be introduced into the audition process. Work in departmental productions is optional.

Theatre Arts 2

Credit: 1 Grade Placement: 10 - 12
Prerequisite: Theatre Arts 1 and director's permission
PEIMS Code: 03250200

Students may continue their dramatic training by learning advanced acting and characterization techniques, classical and modern production styles and specialty theatre. Students will learn to audition. Also covered will be playwriting and directorial principles. Students will be introduced to costume and makeup. This is a class for students who show interest in the beginning elements of theater and wish to progress. Work on departmental productions is required. Placement in upper levels of Theater depends on the individual student's work and behavior in the previous class.

Theatre Arts 3

Credit: 1 Grade Placement: 11 or 12
Prerequisite: Theatre Arts 1 & 2 and director's permission
PEIMS Code: 03250300 Regular Scale

Students will learn from diverse forms of storytelling and production. They will learn to exercise and develop creativity, intellectual curiosity, critical thinking, problem solving and collaborative skills. Students will delve further into the costume and makeup process. Students will learn to go into the subtext of a script and be introduced into the script writing process. Students will be involved in a variety of theatrical experiences which will allow them the opportunity to develop an understanding of self and their role in the world. Students are expected to learn monologues for class presentation. Work on departmental production is required.

Theatre Arts 4

Credit: 1 Grade Placement: 12
Prerequisite: Theatre Arts 1, 2, and 3 and director's permission
PEIMS Code: 03250400 Regular Scale

Students will be reinforced in the elements from Theatre Arts 3, especially in the fields of playwriting, performance, costume and makeup, and directing. Students will be researching theatre history and expected to make presentations in class based on their findings. Students will present audition-ready monologues, as well as, partner and/or group scenes. Work on department production is required.

Musical Theater 1

Credit: 1 Grade Placement: 9-12
Prerequisite: None Regular Scale
PEIMS Code: 03251900

Students will study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and other aspects of a musical production.

Art 1

Credit: 1 Grade Placement: 9 - 12
Prerequisite: None Regular Scale
PEIMS Code: 03500100

Students will be introduced to the elements and principles of design and will create original artwork in

the areas of design, drawing, painting, ceramics, and sculpture. In addition, the students will learn to appreciate art and evaluate the artwork of students and major artists.

Art 2

Credit: 1 Grade Placement: 10 - 12
Prerequisite: Art 1 and Teacher Recommendation
PEIMS Code: 03500200 Regular Scale

Students will participate in an advanced course of study dealing primarily with drawing, painting, ceramics, and sculpture. A strong emphasis is placed on the elements of design and learning to communicate through the visual arts. Students must be able to work through their own initiative on individual projects and develop artistic independence. Placement in upper levels of Art depend on the individual student's work and behavior in the previous class.

Art 3

Credit: 1 Grade Placement: 11 - 12
Prerequisite: Art 1 & 2 and permission from the department
PEIMS Code: 03500300 Regular Scale

This course is designed to allow students to create their own direction or path in the visual arts, with the expectation of thematic concepts. All work will be geared towards contests, exhibitions and a final portfolio. Students must be self-directed with a serious intent towards using the visual arts, as a part or whole, or their career choice. Placement in upper levels of Art depend on the individual student's work and behavior in the previous class.

Art 4

Credit: 1 Grade Placement: 12
Prerequisite: Art 1, 2, 3 & permission from the department
PEIMS Code: 03500400 Regular Scale

The fourth-year course takes the self-directed student and further develops their artistic style and personal direction in Art. All work will be geared toward competition, exhibitions, final portfolio, and electronic portfolio. Students will work with the instructor on college and career choices. Placement in upper levels of Art depend on the individual student's work and behavior in the previous class.

Band 1, 2, 3, 4

Credit: 1 Grade Placement: 9 - 12
Prerequisite: Participation in Band the previous year or by Director approval Regular Scale
PEIMS Code: 03150100; 03150200; 03150300; 03150400

Band offers a unique co-curricular education opportunity. The Band marches at football games; UIL and invitational marching contests and parades; plays at Christmas and spring concerts; and UIL Concert and Sight-Reading Evaluation. Students will have the opportunity to excel individually at region, area, and state honor band auditions, and UIL solo and ensemble. Participating students will not only learn fundamentals of musicianship and instrumental and ensemble technique but will also have the opportunity to develop highly marketable skills and qualities of leadership, teamwork, self-discipline and the pursuit of excellence. Placement in upper levels of Band depend on the individual student's work and behavior in the previous class. Note: Academic eligibility is required by TEA and UIL for participation in many of the Band's events and activities.

Instrumental Ensemble

Credit: 1 Grade Placement: 9-12
Prerequisite: Be a current Member of the Band or by Director approval Regular Scale
PEIMS Code: 03151700; 03151800; 03151900; 03152000

The student will be offered individual instruction on their particular instrument and/or the opportunity to learn a new instrument. Individual and/or small group study/practice time will be an aspect of this class. Instruction will include general music theory and instrument specific theory.

Floral Design

Credit: 1 Grade Placement: 10-12
Prerequisite: None Regular Scale
PEIMS Code: 13001800

Students will learn the principles and techniques related to floral design, artistic composition, and color theory along with developing an understanding of the management of floral enterprises. This course is also a CTE Plant Science course.

PHYSICAL EDUCATION

Physical Education

Credit: 1 Grade Placement: 9, 10, 11, 12
PEIMS Code: PES00051 Regular Scale

Students will gain knowledge of the motor skills basic to effective movement. Skills, rules, strategies, protocol and safety practices appropriate to individual, dual and team sports are taught. Knowledge and skills for leisure and lifetime sports are included. A wide range of individual interests is met through these two courses. One credit is required for graduation. P.E. can only be taken 1 time.

Athletics 1 - Freshmen Girls and Boys

Credit: 1 Grade Placement: 9
Prerequisite: Participating in a Sport Regular Scale
PEIMS Code: PES00000

This course prepares boys and girls for competitive athletic competition. Participants will work to develop the skill necessary to progress and be successful in U.I.L. competition. Students not participating in the sport in season will work in an off-season program consisting of advanced weight training and aerobic exercises with emphasis on self-motivation and discipline. Athletics will substitute as required credit in Physical Education.

Athletics 2 - 4 JV/V Girls and Boys

Credit: 1 Grade Placement: 10 - 12
Prerequisite: Participating in a Sport Regular scale
PEIMS Code: PES00002; PES00003; PES00004

Participants prepare for one of the teams competing in scheduled U.I.L. competition. During off-season students participate in a variety of physically demanding activities such as advanced weight training and advanced aerobic training. Mental discipline and self-motivation are also stressed. Athletes will substitute as credit required in Physical Education.

MISCELLANEOUS

Student Aide

Credit: .5 - 1 (Local credit only) Grade Placement: 12
Prerequisite: Must have passed all courses the previous semester and be college or career ready.
PEIMS Code: 85000XX1

This course is designed to give students supervised practical application of knowledge and skills. Practicum This course allows a student to be assigned to a teacher or to the office in order to gain practical experience in the teaching field as well as office procedures. Students are assigned workstations at the beginning of each semester and are assigned a grade by their supervisor. The grade does not enter into the grade average that decides class rank or honor roll.

CAREER & TECHNICAL EDUCATION

Successful completion of certain courses may result in college credit. Students and parents are encouraged to discuss their options with their school counselor as opportunities for credit may change from year to year. Course prerequisites in this section are used for four-year planning purposes to align with the programs of study and Endorsement sequences. Note that the courses are listed in sequential order within a program of study, rather than alphabetical by course.

ANIMAL SCIENCE

Principles of Agriculture, Food, and Natural Resources

Credit: 1 Grade Placement: 9-12
Prerequisite: None Regular Scale
PEIMS Code: 13000200

This introductory course is designed to enhance a student's knowledge of global agriculture. Included in the course will be history of agriculture, the food and fiber chain, new research, and new developments in agriculture and agricultural career development. It will also develop personal, social and communications skills and develop democratic leadership skills through the FFA organization conducting effective meetings.

Small Animal Management

Credit: .5 Grade Placement: 10-12
Prerequisite: Principles of AFNR Regular Scale
Semester Offered: Fall PEIMS Code: 13000400

This is a course designed to develop knowledge and skills pertaining to the nutrition, reproduction, health and management of livestock. Major topics included are animal anatomy and physiology, genetics, evaluation and selection of breeding animals, carcass evaluation, the causes and treatment of disease, management techniques, nutritional requirements, record keeping, and exploration of career opportunities. Students will also plan and conduct leadership activities.

Equine Science

Credit: .5 Grade Placement: 10-12
Prerequisite: Principles of AFNR Regular Scale
Semester Offered: Spring PEIMS Code: 13000500

This class is focused on learning about horses. The beginning of the semester will address basic equine knowledge such as history, breeds, identification, conformation, and judging. Students will explore concepts in anatomy, physiology, reproduction, nutrition, health, equine facilities, and management.

Livestock Production

Credit: 1 Grade Placement: 10-12
Prerequisite: None Regular Scale
PEIMS Code: 13000300

In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry.

Advanced Animal Science

Credit: 1 Grade Placement: 11-12
Prerequisite: Biology, Chemistry, Physics, and Principles of Agriculture, Food, and Natural Resources
PEIMS Code: 13000700 Regular Scale

In this class, the student will continue to develop knowledge and skills pertaining to the nutrition, reproduction and health management of livestock. This course can count as a fourth science requirement.

Practicum in Agriculture, Food, and Natural Resources

Credit: 1 Grade Placement: 11-12
Prerequisite: Biology, Chemistry, Physics, and Principles of Agriculture, Food, and Natural Resources
PEIMS Code: 13002500 Regular Scale

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Career Cluster.

APPLIED AGRICULTURAL ENGINEERING

Agricultural Mechanics and Metal Technologies/Lab

Credit: 1 or 2 Grade Placement: 10-12
Prerequisite: None Regular Scale
PEIMS Code: 13002200

This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metalworking techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations.

Agricultural Structures Design and Fabrications/Lab

Credit: 1 or 2 Grade Placement: 11-12
Prerequisites: Agricultural Mechanics and Metal Technologies
PEIMS Code: 13002300 Regular Scale

In this course students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication.

PLANT SCIENCE

Floral Design

Credit: 1 Grade Placement: 9-12
Prerequisite: None Regular Scale
PEIMS Code: 13001800

Students will learn the principles and techniques related to floral design, artistic composition, and color theory along with developing an understanding of the management of floral enterprises. Note: This course satisfies a fine arts credit requirement.

Horticulture Science

Credit: 1 Grade Placement: 10-12
Prerequisite: None Regular Scale
PEIMS Code: 13002000

Horticultural Science is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticulture and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

Advanced Floral Design

Credit: 1 Grade Placement: 11-12
Prerequisite: Floral Design Regular Scale
PEIMS Code: N1300270

In this course, students build on the knowledge from the Floral Design course and are introduced to more advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning. This course focuses on building skills in advanced floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event. Through the analysis and evaluation of various occasion and event types, students explore the design needs and expectations of clients and propose and evaluate appropriate creations. From conception to evaluation, students are challenged to create and design appropriate specialty floral designs that meet the needs of the client. Furthermore, an emphasis on budgetary adherence and entrepreneurship equips students with many of the necessary skills needed for success in floral enterprises.

BUSINESS MANAGEMENT

Principles of Business, Marketing, and Finance

Credit: 1 Grade Placement: 9-11
Prerequisite: None Regular Scale
PEIMS Code: 13011200

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

Business Law

Credit: 1 Grade Placement: 11 - 12
Prerequisite: None Regular Scale
PEIMS Code: 13011700

Students analyze the social responsibility of business and industry regarding the significant issues relating to the legal environment, business ethics, torts, contracts, negotiable financial instruments, personal property, sales, warranties, business organizations, concept of agency and employment, and real property. Students incorporate a broad base of

knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

Business Information Management I

Credit: 1 Grade Placement: 9 - 12
Prerequisite: None Regular Scale
PEIMS Code: 13011400

This course is designed to strengthen student computer skills. Emphasis will be placed on developing skills to be successful in the workplace. Students will develop skills in word processing, spreadsheets, databases, desktop publishing, and multimedia presentations. Students will work towards industry certifications.

Business Information Management 2

Credit: 1 Grade Placement: 10-12
Prerequisite: BIM 1 Regular Scale
PEIMS Code: 13011500

This class will continue to strengthen the knowledge base started in BIM 1. Students will have the opportunity to earn Microsoft Office Specialist certifications while they learn advanced concepts and skills that allow them to strengthen computer skills for the workplace and college. Students will work towards expert level industry certifications.

Business Management

Credit: 1 Grade Placement: 10-12
Prerequisite: None Regular Scale
PEIMS Code: 13012100

Business Management is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.

Practicum in Business Management/Extended Practicum in Business Management

Credit: 2 to 3 Grade Placement: 11 or 12
Prerequisite: None Regular Scale
PEIMS Code: 13012200

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies.

ACCOUNTING AND FINANCIAL SERVICES

Honors Accounting I

Credit: 1 Grade Placement: 10-12
Prerequisite: None Honors Scale
PEIMS Code: 13016600

Students will learn the fundamental concepts and theory of the "language of business" - accounting. Students will demonstrate an understanding of the accounting cycle for a service business, merchandising business and a corporation. Students will learn to compute payroll and become familiar with banking procedures. They will also perform specialized accounting procedures. Students will become familiar with some accounting career options. In addition, students will improve and apply many business skills as they apply to accounting. Students will gain knowledge and experience needed to earn an industry certification.

Honors Accounting 2

Credit: 1 Grade Placement: 11-12
Prerequisite: Accounting 1 Honors Scale
PEIMS Code: 13016700

Students will learn how accounting is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will engage in various managerial and cost accounting activities that will help them to learn how to formulate and interpret financial information for use in the management decision making process.

GRAPHIC DESIGN AND MULTIMEDIA ARTS

Digital Media

Credit: 1 Grade Placement: 9-12
Prerequisite: None Regular Scale
PEIMS Code: 13027800

Students will engage in opportunities to develop knowledge and skills in the digital world, develop skills in electronic communication and research into 21st Century technologies, and develop concepts, principles and elements of digital media design. Students will develop software skills in digital photography as well as photography hands-on projects. Some photography outside of school hours will be required in order to complete projects. Students will learn basic foundations in order to work on the yearbook in future courses.

Digital Design and Media Production

Credit: 1 Grade Placement: 9-12
Prerequisite: None Regular Scale
PEIMS CODE: 03580400

This course expands on the knowledge gained in Digital Media and applies that knowledge to the current school year's yearbook. Students in this class will be members of the yearbook production. Yearbook students will hold various responsibilities in reference to the yearbook production. Students in this class will be assigned duties based on their level of knowledge for jobs such as assistant editor, section editor, and even copy editor. Students will be required to sell and promote yearbook sales. Students must work outside of classroom hours in order to obtain assignment requirements such as photograph and interview processes for various sports and activities.

Graphic Design and Illustration I

Credit: 1 Grade Placement: 10-12
Prerequisite: None Regular Scale
PEIMS Code: 13008800

This course is designed for students who have completed Digital Media and Digital Design and Media Production. This class is intended for students with yearbook experience. Yearbook students will hold responsibilities in reference to the yearbook production. Students in this class will be assigned duties based on their knowledge for jobs such as copy editor, business and marketing editor, photo editor, design editor, and editor-in-chief. Students will be required to sell and promote yearbook sales. Students must work outside of classroom hours in order to obtain assignment requirements such as photograph and interview processes for various sports and activities.

Graphic Design and Illustration II

Credit: 1 Grade Placement: 10-12
Prerequisite: None Regular Scale
PEIMS Code: 13008900

Within this context, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

PROGRAMMING AND SOFTWARE DEVELOPMENT

Fundamentals of Computer Science

Credit: 1 Grade Placement: 9-12
Prerequisite: None Regular Scale
PEIMS Code: 03580140

Fundamentals of Computer Science cultivates student creativity and innovation through hands-on experiences, offering opportunities to craft solutions to real-world challenges. By honing essential problem-solving and reasoning skills, students gain the ability to access, analyze, and evaluate information necessary for addressing everyday computing tasks. Engaging in collaborative projects, students apply computer science concepts, utilizing tools like Python and robotics to design, implement, and showcase their solutions. Students will gain the knowledge and experience needed to earn an industry certification.

Honors Computer Science 1

Credit: 1 Grade Placement: 10-12
Prerequisite: Algebra I Honors Scale
PEIMS Code: 03580200

Honors Computer Science I builds upon the foundational concepts introduced in Fundamentals of Computer Science, aiming to deepen students' skills and knowledge in basic programming. The course emphasizes the development of logical thinking and problem-solving abilities through hands-on programming exercises, collaborative project work, and coursework emphasizing logical program design. Students will engage in individual and group programming tasks, allowing them to explore creative solutions to real-world problems while gaining proficiency in Java programming language. Topics covered include data types, variables, structures, object-oriented programming (OOP) principles, arrays, and data file access methods using the Java programming language. Students will gain the knowledge and experience needed to earn an industry certification. This course will earn students one credit in Math and one credit in foreign language for a total of two credits, but will only be factored into the GPA one time.

AP Computer Science

Credit: 1 Grade Placement: 11-12
Prerequisite: Computer Science 1 Advanced Scale
PEIMS Code: A3580110 (Math), A3580120 (LOTE)

AP Computer Science A is designed to prepare students to design and implement solutions to problems by writing, running, and debugging computer programs. The course emphasizes programming methodology, procedural abstraction, and in-depth study of algorithms, data structures, and data abstractions. Students code fluently in an object-oriented paradigm using Java. a structured lab component, comprising a minimum of 20 hours of hands-on lab experience. This course will earn students one credit in Math and one credit in foreign language for a total of two credits, but will only be factored into the GPA one time.

Honors Computer Science 3

Credit: 1 Grade Placement: 11-12
Prerequisite: Comp. Sci. 2, AP Comp. Sci. Honors Scale
PEIMS Code: 03580350

Honors Computer Science III is for students who are interested in learning advanced object-oriented concepts, data structures, and algorithms in Java. Students will work both collaboratively and independently on various projects

throughout the year. Students will choose a topic of interest to research and a programming language of their choice to create independent projects. Some popular topics of interest for projects include making programs in Python and C++, web page development, app development, game design and development, and physical computing. Students taking this course will also focus on UIL Computer Science Academic competitions, fostering both theoretical understanding and practical problem-solving skills.

FAMILY AND COMMUNITY SERVICES

Principles of Human Services

Credit: 1 Grade Placement: 9-12
Prerequisite: None Regular Scale
PEIMS Code: 13024200

Principles of Human Services is a laboratory course that will enable students to investigate careers in the Human Services Career Cluster, including counseling and mental health, early childhood development, family and community, personal care, and consumer services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

Human Growth and Development

Credit: 1 Grade Placement: 10-12
Prerequisite: None Regular Scale
PEIMS Code: 13014300

Human Growth and Development is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

Lifetime Nutrition and Wellness

Credit: .5 Grade Placement: 9-12
Prerequisite: None Regular Scale
Semester Offered: Fall/Spring PEIMS Code: 13024500

This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

Family and Community Services

Credit: 1 Grade Placement: 10 - 12
Prerequisite: Principles of Human Services Regular Scale
PEIMS Code: 13024900

Family and Community Services is a laboratory-based course designed to involve students in realistic and meaningful community-based activities through direct service or service-learning experiences. Students are provided opportunities to interact with and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics.

TEACHING AND TRAINING

Instructional Practices

Credit: 2 Grade Placement: 11-12
Prerequisite: Principles of Human Services or Human Growth and Development Regular Scale
PEIMS Code: 13014400

In this two-period blocked course, students will experience field-based internships that provide background knowledge of child and adolescent development as well as principles of effective teaching and training practices, teaching strategies, learning styles, classroom environments, brain development, and behavior management.

Students are placed in a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and assist teachers with acceptable aide responsibilities. Transportation to a local campus is preferred but not required in order to fulfill the field-based experience.

Practicum in Education and Training

Credit: 2 Grade Placement: 12
Prerequisite: Instructional Practices Regular Scale
PEIMS Code: 13014500

This course is a field-based internship that provides students with background knowledge of child and adolescent development as well as the principles of effective teaching and training practices. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, and complete other responsibilities of teachers, trainers, or other educational personnel. Transportation to a local campus is preferred but not required in order to fulfill the field-based experience.

COSMETOLOGY AND PERSONAL CARE SERVICES

Cosmetology 1/Cosmetology 1 Lab

Credit: 3 Grade Placement: 11
Prerequisite: None Regular Scale
PEIMS Code: 13025210

Students will learn sterilization and sanitation procedures, hair care, nail care, and skin care. The knowledge gained from this instruction will meet the Texas Department of Licensing and Regulation requirement for licensure after passing the state exam. This is a two-year program and requires students to complete both years to gain the hours and information necessary to take the State Exam. This class meets at LaGrange High School and students must be able to provide their own transportation.

Cosmetology 2/ Cosmetology 2 Lab

Credit: 3 Grade Placement: 12
Prerequisite: Cosmetology 1 Regular Scale
PEIMS Code: 13025310

Students will continue to build on their skills from Cosmetology 1 and will gain advanced training for employment in cosmetology careers. Upon completion of Cosmetology 2, they will have the hours and knowledge as required by Texas Department of Licensing and Regulation licensing standards. This class meets at LaGrange High School and students must be able to provide their own transportation.

HEALTHCARE THERAPEUTIC

Principles of Health Science

Credit: 1 Grade Placement: 9
Prerequisite: None Regular Scale
PEIMS Code: 13020200

This course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and developmental systems of the healthcare industry.

Medical Terminology

Credit: 1 Grade Placement: 9–12
Prerequisite: None Regular Scale
PEIMS Code: 13020300

The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. Note: This course is also available as Dual Credit; please check with your counselor to choose the appropriate course.

Honors Anatomy and Physiology

Credit: 1 Grade Placement: 10-12
Prerequisite: Biology and a second science Honors Scale
PEIMS Code: 13020600

This course will explore human anatomy and physiology through observation of anatomical structures and their functions. Laboratory experimentation will include data acquisition for quantitative and qualitative analysis as well as dissection. Students will acquire an extensive amount of vocabulary and learn to use proper medical terminology. Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

Practicum in Health Science

Credit: 2 Grade Placement: 11 - 12
Prerequisite: Biology Advanced Scale
PEIMS Code: 13020500

In Practicum in Health Science, students apply previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students recognize the employment opportunities, technology, and safety requirements of each system. Students are expected to apply the knowledge and skills necessary to pursue a health science certification or licensure through further education and employment.